DOKNUMMER SUCHSCHRITT 1 1/1 HCA COPYRIGHT 2003 ACS

Stable lecithin-containing powders for feeds and foods

PAT.ANMELDER

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CA-KLASSE 17-6 (Food and Feed Chemistry)

KURZFASSUNG

The powders contain powd, exclplents malnly contg. Ca phosphate mixed with 5-70 wt.% lecithins. The powders are easy to handle, improve the emulsifying property, texture, stability, and mold release property of foods, and simultaneously enrich Ca and lecithin in feeds. Crude lecithin (300 g) was gradually added to 300 g Ca3(PO4)2 to give a powder showing food flowability at room temp, and at 40.degree.. A cow feed contg. the powder was formulated.

SCHLAGWORTE lecithin powder calcium phosphate feed food

CA-INDEX Whey (calcium; stable powd. lecithin contg. Ca phosphate

excipients for feeds and foods)

CA-INDEX Bone meal Bread Feed additives Food additives Pasta (stable powd. lecithin contg. Ca phosphate excipients for feeds and foods)

CA-INDEX Lecithins RL: FFD (Food or feed use); BIOL (Biological study); USES (Uses) (stable powd, lecithin contg. Ca phosphate excipients for feeds and foods)

CA-INDEX 7440-70-2, Calcium, biological studies RL: FFD (Food or feed use); BIOL (Biological study); USES (Uses) (from whey; stable powd.

lecithin contg. Ca phosphate excipients for feeds and foods)

CA-INDEX 7757-93-9, Calcium hydrogen phosphate 7758-87-4, Tricalcium phosphate RL: FFD (Food or feed use); BIOL (Biological study); USES (Uses) (stable powd, lecithin contg. Ca phosphate excipients for feeds nd foods)

PUBL-TYP Patent

PUBL-SPRACHE Japanese

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Table 6. Commercial Lecitrins, % Composition

			Alcohol-soluble	Alcohol-insoluble		
amponent.	Crude	Deailed	fraction	fraction	PC 70*	PC 90*
hosphatidylcholine	10-16	20-25	40-55	8-12	75-80	-98 -98
hosphatidylethanol-	9-12	8	21	24	10	
arine						
bosphatidylinosital	9	16	6 2	23		
olar lipids, others	8- 12	5	ဗာ	91	7	ယ
aybean oil	5	ట	డు	ھئ	Lo	ယ
arbohydra tes	O1	90	డు	5		
terals, glycosides	w	ග	7	-		
nistare		1	_	-	,	_
niscellaneous	*	•	-	•	•	
redemarks*	Alcolec (ALC)	Alcolec (ALC)	Alcalec (ALC)	Alcales (ALC)	Phospholipon 80	Phosphalipan 90
_	Nathin (NP)	Phospholipon 25	Nathin (NP)	Nathin (NP)	Phoeal	Phosal
	Centrocap	Centrolex (CS)	Phosal		(ULANATA)	(313 (412)
	Yelkin (ADM)	Velkinal (ADM)	STEP TO STATE			
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PC > 103

"Names of companies (suppliens) are given in parentheses. ADM - Archer Daniels Midland; ALC - American Lecibin Ca.; CS - Central Soys; NP - Natternisson Phospholipid Goddi; El - Riccland

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